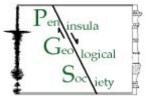
## PENINSULA GEOLOGICAL SOCIETY



## FIELD TRIP

Saturday & Sunday, May 18-19, 1996
COASTAL GEOLOGY:
SAN FRANCISCO-SANTA CRUZ;
QUATERNARY TECTONICS,
SEDIMENTATION, ENGINEERING PROBLEMS

Overnight camping at beautiful Jack Brooks Horse Camp in Sam MacDonald Park.
Hot showers, dinner, campfire, breakfast roll provided.

**The trip:** Starts 9:00 a.m., large parking lot at Ft. Funston on Hwy l, southwest San Francisco west of Lake Merced. Major stops:

- <u>Ft. Funston</u>—San Andreas fault offshore/onshore; Merced Fm, sedimentation age and tectonic history.
- <u>Thornton Beach</u>--Merced Fm and evidence for first arrival of Sierran debris through Carquinas Strait, also landslides, tectonics, erosion since construction of old RR grade in 1921.
- <u>Devils slide</u>--Geology, engineering problems and politics, Paleozoic rocks, granitic rocks.
- <u>Fitzgerald Marine Reserve at Seal Cove-</u>-Seal Cove fault, sea-cliff erosion.
- Miramontes Point and Tunitas Creek—Half Moon Bay terrace deformation and sea-cliff erosion.
- Pescadero and Año Nuevo—Faulted terraces, tectonic blocks.
- <u>Santa Cruz area</u>—Uplifted marine terraces and the Loma Prieta earthquake.

The trip will end near Santa Cruz, probably in the early afternoon Sunday.

**Leaders:** Ken Lajoie (USGS, Coordinator), Bob Anderson (U.C. Santa Cruz), Bill Glen (College of San Mateo), Ralph Hunter (USGS, retired), Bob Jachens (USGS), Gary Simpson (Wm. Lettis & Associates), Joan Van Velsor (CALTRANS), Jerry Weber (Weber, Hayes, & Associates), Robert Zatkin (formerly USGS), Mary Lou Zoback (USGS).

**Cost and sign-up:** \$16 (students \$10), includes camp fee, dinner Saturday night (including soft drinks), sweet roll or muffin Sunday morning. Contact John Galloway (USGS) (415) 329-5688 ASAP, but no later than Tuesday, May 14. Send checks, made out to "PGS," to John Galloway, U.S. Geological Survey, 345 Middlefield Rd., MS-904, Menlo Park, CA 94025. <u>Vegetarians: identify yourselves if you want Saturday dinner provided in camp</u>.

**Transportation:** Colleges and universities should arrange transportation for their people. Those on the mid-Peninsula and at the USGS, contact John Galloway, USGS, (415) 329-5688, for information on car pooling. People car-pooling from the USGS center in Menlo Park should meet at the flagpole on Homewood Place, 7:30 Saturday morning. Departure: 8:00.

**Food & equipment:** Bring lunch on Saturday and breakfast and lunch for Sunday; camping gear. **Guidebook:** Will be distributed at starting point if we can get one together. Nominal cost.

**Dues for Academic Year 1995-96 (\$5.00)** should be sent to John Galloway, USGS, MS-904, 345 Middlefield Rd., Menlo Park, CA 94025. John's phone: 415-329-5688.

**Officers:** Chet Wrucke, President; Mike Diggles, Vice President; Vicki Langenheim, Secretary; John Galloway, Treasurer

PGS Web Page: http://caldera.wr.usgs.gov/mdiggles/PGS.html